Selection and ordering data	Order No.
FLK (liquid/air cooling) gas sampling system for rotary cement kilns. Compact design with heat transfer liquid cooling. Suitable for gas temperatures up to 1 400°C and dust loads up to 2 000 g/m³ Operating temperature of coolant circuit up to 220°C. Consisting of: • Gas sampling probe • Dust filter • Automatic retraction unit with electrical and pneumatic drive • Backflushing equipment with condensation removal • Liquid/air heat exchange unit • Mounting accessories	7MB1951 A A 0
Control and monitoring unit	
Fully wired and mounted in wall cabinet Dimensions (W x H x D): 1 000 x 1 400 x 300 mm Functions:  - Controlling removal of dust from probe and dust filter - Automatic probe retraction, time-controlled or in the event of a fault - Monitoring, processing and displaying sampling system fault and operational messages	
Without control and monitoring unit	0
Control and monitoring unit with SIMATIC S7-300	1
Sampling probe Made of stainless steel 1.4571 With side sampling point Standard lengths: 1 000, 1 500, 2 000, 2 500 and 3 000 mm immersion depth Special lengths on request	
Without sampling probe	A
Sampling probe 2 500 mm; sampling point on right	В
Sampling probe 2 500 mm; sampling point on left	C
Sampling probe 3 000 mm; sampling point on right	D
Sampling probe 3 000 mm; sampling point on left	E I I I I I I I I I I I I I I I I I I I
Sampling probe 1 000 mm; sampling point on right	F I I I I I I I I I I I I I I I I I I I
Sampling probe 1 000 mm; sampling point on left	G
Sampling probe 1 500 mm; sampling point on right	Н
Sampling probe 1 500 mm; sampling point on left	J
Sampling probe 2 000 mm; sampling point on right	K
Sampling probe 2 000 mm; sampling point on left	L
Automatic oven flap	
none	A
With	В
Power supply	
230 V/50 Hz	0
115 V/60 Hz	1
115 V/50 Hz	2
230 V/60 Hz	3
Documentation	
English	0
German	1
Backflushing equipment with condensation removal	
Condensation remover integrated into backflushing equipment	0
Condensation remover (enclosed separately) for mounting on analysis cabinet	1

## More information Manual FLK gas sampling system Instruction Manual • German • English Electrically heated dust filter • German • English On request • English On request Valve manifold for probe purging

On request

On request

On request

On request

On request

• German

• English

• German

• English

Retraction equipment

Startup and Servicing Manual